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*Report of the Missouri Botanical Garden*, von Schrenk concludes that the radial force of twig growth may equal a pressure of 40 or more atmospheres.

A biographic sketch of C. B. Clarke, with portrait, appears in the November *Journal of Botany*.

A short account of the McKinley or Dinkey grove of big-trees is given by Guthrie in *Forestry and Irrigation* for October.

**The Journals.**—*Botanical Gazette*, November:—Chamberlain, "The Ovule and Female Gametophyte of *Dioon*"; Brooks, "Temperature and Toxic Action"; Cook, "The Embryogeny of some Cuban Nymphaeaceæ."

*The Fern Bulletin*, October:—Fellows, "The Fern Flora of Maine"; Gilbert, "*Polypodium vulgare* var. *alato-multifidum*, var. nov."; Clute, "The Genus *Oleandra*"; Negley, "Where Florida Ferns Grow"; Palmer, "*Asplenium ebenoides* in Chester Valley, Pa."; Ferriss, "On Cultivating our Ferns"; Clute, "Rare Forms of Ferns,—I"; Squires, "A New Station for *Selaginella douglasii*"; Puffer, "The Rusty *Woodsia* in Cultivation."

*Torrey*, December:—Harper, "Some Hitherto Undescribed Outcrops of Altamaha Grit and their Vegetation"; Berry, "Leaf Rafts and Fossil Leaves"; Sheldon, "A Rare *Uromyces*."

*Rhodora*, November:—Hitchcock, "Notes on Grasses"; Blanchard, "Some Maine Rubi. The Blackberries of the Kennebunks and Wells—III"; Fernald, "Twelve Additions to the Flora of Rhode Island"; Leavitt, "Regeneration in the Leaf of *Aristolochia siphon*"; Fernald, "*Potamogeton spathæformis* a probable Hybrid in Mystic Pond."

*Torrey*, November:—Howe, "Some Photographs of the Silk Cotton Tree (*Ceiba pentandra*), with Remarks on the Early Records of its Occurrence in America"; Hill, "A Mississippi Aletris and Some Associated Plants"; Shafer, "*Hibiscus oculiroseus*"; Merrill, "How Bresadola Became a Mycologist"; Burnham, "A New Species of *Monotropis*"; Blanchard, "A New Dwarf Blackberry."

*Journal of Mycology*, November:—Long, "Notes on New or Rare Species of *Ravenelia*"; Atkinson, "A New *Entoloma* from Central Ohio"; Kellerman, "Fungi Selecti Guatemalenses Exsiccati, Decade 1" [label data]; Morgan, "North American Species of *Lepiota*" (continued); Kellerman, "Index to North American Mycology" (continued).

*The Ohio Naturalist*, November:—Schaffner, Mabel, "The Embryology of the Shepherd's Purse"; Hambleton, "Key to the Families of Ohio Lichens"; McCleery, "Pubescence and other External Peculiarities of Ohio Plants."

*The Plant World*, October:—Arthur, "The Paired Seeds of Cocklebur"; Tullsen, "The Probable Origin of Key-Fruits"; Parsons, "Children's Gardens and Their Value to Teachers of Botany and Nature Study"; Blumer, "Wild Fruits and Shrubs of the Priest River Valley"; Taylor, "The Germination of the Morning Glory."

*The Bryologist*, November:—Fink, "Further Notes on Cladonias—VIII"; Hagen, "A Study of *Tetraplodon australis*"; Bailey, "Vancouver Island Bryology—I"; Lorenz, "Notes on the Mosses of Waterville, N. H."; Haynes, "Ten Lophozias"; Collins, "Notes on *Polytrichum commune*."

*Bulletin of the Torrey Botanical Club*, October:—Arthur, "New Species of Uredineæ—V"; Harper, "Notes on the Distribution of some Alabama Plants"; Piper, "Notes on Calochortus."

*Journal of the New York Botanical Garden*, November:—Britton, "Recent Explorations in Jamaica"; Underwood, "Report on the Condition of the Tropical Laboratory"; Taylor, "Collecting in the Mountains West of Santiago, Cuba."

*Journal of Mycology*, September:—Kellerman, "A New *Plowrightia* from Guatemala"; Arthur, "A New Classification of the Uredineæ"; Bain and Essary, "A New Anthracnose of Alfalfa and Red Clover"; Atkinson, "Two New Species belonging to *Naucoria* and *Stropharia*"; Morgan, "North American Species of *Lepiota* (continued)"; Hedgcock, "Some Wood-Staining Fungi from Various Localities in the United States"; Kellerman, "Notes from Mycological Literature—XXI," and "Index to North American Mycology (continued)."

Of Mr. Elmer's *Leaflets on Philippine Botany* the following articles have been issued:—Elmer, "Philippine Rubiaceæ," "A Fascicle of Benguet Figs," "Additional New Species of Rubiaceæ," and "Pandans of East Leyte"; and Copeland, "A New Polypodium and Two Varieties."